

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S92	6076	MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S93	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S94	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S95	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S96	0	(MPC model adj predict\$3 adj control\$4) and desired	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S97	6460	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/01 22:32
S98	20	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S99	1	2005-650972.NRAN.	DERWENT	OR	ON	2006/09/30 14:26
S100	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S101	211	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 07:08

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S10 2	86	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 3	2083	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 4	2026	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 5	2026	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 6	1360	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 7	12	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 8	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S10 9	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 0	3	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 1	5	("2005/0007249").URPN.	USPAT	OR	ON	2006/09/30 14:26

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S11 2	0	("2005/0209713").URPN.	USPAT	OR	ON	2006/09/30 14:26
S11 3	7291	(700/121,28,29,30,173,186,109,110,112,117,106,119,48,95,32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 4	35	S113 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 5	1	S113 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 6	1	S113 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life same predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 7	13	S113 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 8	11	S113 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S11 9	0	("5347446").URPN. and (life) and dynamic\$1 and sensor\$1 and response\$1 and command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 0	25800	(system near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 1	573	(system near10 goal\$1) and predict\$3 near10 control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26

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S12 2	0	("5410883").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 3	48	(system near10 goal\$1) and predict\$3 near10 control and response near10 command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 4	9	("5347446").URPN. and life and dynamic\$1 and sensor\$1 and predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 5	5	("5347446" "2002021900").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 6	55	("5347446").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 7	9	("5347446").URPN. and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 8	17	("5347446").URPN. and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S12 9	2	"5410883".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S13 0	0	(model adj predictive and desired adj trajectory and dynamic adj response and model and nonlinear and system adj life adj goal and program\$4 and algorithm).clm.	US-PGPUB	OR	ON	2006/09/30 14:26
S13 1	0	("5410883").URPN.	USPAT	OR	ON	2006/09/30 14:26
S13 2	4	("4226086"   "4651553"   "4792912"   "4888953").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 14:26

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S13 3	55	("5347446").URPN.	USPAT	OR	ON	2006/09/30 14:26
S13 4	9	S133 and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S13 5	17	S133 and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S13 6	6460	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S13 7	211	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S13 8	2083	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S13 9	2026	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 0	2026	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 1	1360	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 2	0	("2005/0209713").URPN.	USPAT	OR	ON	2006/09/30 14:26
S14 3	7291	(700/121,28,29,30,173,186,109,110,112,117,106,119,48,95,32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26

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S14 4	1	S143 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 5	1	S143 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life same predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 6	20	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieves\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 7	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 8	86	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S14 9	12	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 0	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 1	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 2	3	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26

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S15 3	5	("2005/0007249").URPN.	USPAT	OR	ON	2006/09/30 14:26
S15 4	35	S143 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 5	13	S143 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 6	11	S143 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 7	338	700/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 8	7	S157 and life same (expectan\$3 goal consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S15 9	8	("4349869"   "4358822"   "4634946"   "4714988"   "4792870"   "4969408"   "5057992"   "5170935").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 14:26
S16 0	202	(system near10 life near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 14:26
S16 1	58	("4349869").URPN.	USPAT	OR	ON	2006/09/30 14:26
S16 2	30	("4349869").URPN. and sensors	USPAT	OR	ON	2006/09/30 14:26
S16 4	1	(dynamic near process near model and independent near variable\$1 and process near model and (MPC model near predictive near control\$4) and independent\$2 near10 controllable near10 (MV manipulated near variable\$1) and mismatch\$3 near error and tuning and controllers).clm.	US-PGPUB	OR	ON	2006/09/30 14:45

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S16 5	13	("5457625" "5408405" "3934124" "5546312" "5042752" "6587744").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 15:10
S16 6	6	("6064809" "6381505" "6122555").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/30 21:21
S16 9	31	(MPC model adj predict\$3 adj control\$4) and expert near system and model\$1 and rules and conditions and control near variable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/01 22:36
S17 1	10	(MPC model adj predict\$3 adj control\$4) same expert near system and model\$1 and rules and conditions and control near variable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/01 22:37
S17 2	10	((MPC model adj predict\$3 adj control\$4) near20 expert near system\$1) and model\$1 and rules and conditions and control near variable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/01 22:37
S17 3	2	"6438430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:54
S17 4	0	quingsheng near zheng.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:54
S17 5	6	magiel near harmse.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:56
S17 6	3	kent near rasmussen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:55
S17 7	0	blaine near mcIntyre.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:55



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S17 8	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S17 9	6100	MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 0	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 1	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 2	0	(MPC model adj predict\$3 adj control\$4) and desired	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 3	6489	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 4	21	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 5	1	2005-650972.NRAN.	DERWENT	OR	ON	2006/10/10 14:58
S18 6	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 7	214	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58

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S18 8	88	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S18 9	2092	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 0	2035	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 1	2035	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 2	1364	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 3	12	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 4	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 5	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 6	3	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S19 7	5	("2005/0007249").URPN.	USPAT	OR	ON	2006/10/10 14:58

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S19 8	0	("2005/0209713").URPN.	USPAT	OR	ON	2006/10/10 14:58
S19 9	7324	(700/121,28,29,30,173,186,109,110,112,117,106,119,48,95,32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 0	36	S199 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 1	1	S199 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 2	1	S199 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life same predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 3	13	S199 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 4	11	S199 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 5	0	("5347446").URPN. and (life) and dynamic\$1 and sensor\$1 and response\$1 and command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 6	25943	(system near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 7	575	(system near10 goal\$1) and predict\$3 near10 control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58

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S20 8	0	("5410883").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S20 9	48	(system near10 goal\$1) and predict\$3 near10 control and response near10 command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 0	9	("5347446").URPN. and life and dynamic\$1 and sensor\$1 and predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 1	5	("5347446" "2002021900").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 2	55	("5347446").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 3	9	("5347446").URPN. and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 4	17	("5347446").URPN. and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 5	2	"5410883".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S21 6	0	(model adj predictive and desired adj trajectory and dynamic adj response and model and nonlinear and system adj life adj goal and program\$4 and algorithm).clm.	US-PGPUB	OR	ON	2006/10/10 14:58
S21 7	0	("5410883").URPN.	USPAT	OR	ON	2006/10/10 14:58
S21 8	4	("4226086"   "4651553"   "4792912"   "4888953").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 14:58

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S21 9	55	("5347446").URPN.	USPAT	OR	ON	2006/10/10 14:58
S22 0	2035	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 1	2035	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 2	9	S219 and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 3	17	S219 and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 4	6489	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 5	2092	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 6	214	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 7	1364	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S22 8	0	("2005/0209713").URPN.	USPAT	OR	ON	2006/10/10 14:58
S22 9	7324	(700/121,28,29,30,173,186,109,110,112,117,106,119,48,95,32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58

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S23 0	1	S229 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 1	1	S229 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life same predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 2	21	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 3	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 4	88	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 5	12	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 6	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 7	10	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S23 8	3	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58

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S23 9	5	("2005/0007249").URPN.	USPAT	OR	ON	2006/10/10 14:58
S24 0	36	S229 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S24 1	13	S229 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S24 2	11	S229 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S24 3	340	700/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S24 4	7	S243 and life same (expectan\$3 goal consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S24 5	8	("4349869"   "4358822"   "4634946"   "4714988"   "4792870"   "4969408"   "5057992"   "5170935").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 14:58
S24 6	202	(system near10 life near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S24 7	58	("4349869").URPN.	USPAT	OR	ON	2006/10/10 14:58
S24 8	30	("4349869").URPN. and sensors	USPAT	OR	ON	2006/10/10 14:58
S24 9	1	(dynamic near process near model and independent near variable\$1 and process near model and (MPC model near predictive near control\$4) and independent\$2 near10 controllable near10 (MV manipulated near variable\$1) and mismatch\$3 near error and tuning and controllers).clm.	US-PGPUB	OR	ON	2006/10/10 14:58

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S25 0	13	("5457625" "5408405" "3934124" "5546312" "5042752" "6587744").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S25 1	6	("6064809" "6381505" "6122555").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S25 2	31	(MPC model adj predict\$3 adj control\$4) and expert near system and model\$1 and rules and conditions and control near variable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S25 3	10	(MPC model adj predict\$3 adj control\$4) same expert near system and model\$1 and rules and conditions and control near variable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S25 4	10	((MPC model adj predict\$3 adj control\$4) near20 expert near system\$1) and model\$1 and rules and conditions and control near variable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S25 5	2	"6438430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/10 14:58
S25 6	16	(MPC model adj predict\$3 adj control\$4) and collinear and (matrix\$2 matrices)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 08:05
S25 7	8	("5351184" "5394322" "6026334" "20020016640").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 08:05